

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/00300

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G06F17/60, G07G1/06, G07G1/12, G07F19/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2001  
 Kokai Jitsuyo Shinan Koho 1971-2001 Toroku Jitsuyo Shinan Koho 1994-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/25242 A1 (Carlson Companies Inc.), 11 June, 1998 (11.06.98), See flowchart (Step156) & AU 76271/98 A & DE 19782148 T & GB 2334609 A,B & US 5923016 A & US 6138911 A	1-5, 8-13, 16
Y	JP 11-245544 A (Dainippon Printing Co., Ltd.), 14 September, 1999 (14.09.99), Fig.1(19-21) (Family: none)	1-5, 8-13, 16
Y	JP 7-319963 A (Tec Corporation), 08 December, 1995 (08.12.95), Fig.9 (Family: none)	1-5, 8-13, 16
Y	JP 2000-311195 A (Omron Corporation), 07 November, 2000 (07.11.00) Figs.5,6 (Family: none)	1-5, 8-13, 16
Y	WO 92/11598 A1 (Motorola Inc.), 09 July, 1992 (09.07.92), page 11 ("Further, the electronic wallet 100 typically..."),	1-5, 8-13, 16

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
17 April, 2001 (17.04.01)Date of mailing of the international search report  
01 May, 2001 (01.05.01)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

## INTERNATIONAL SEARCH REPORT

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PCT/JP01/00300

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	& US 5221838 A      & KR 97-07003 B1 & JP 6-501329 A      & JP 3010069 B2 & GR 3032864 T3      & ES 21410/92 T3 & EP 940760 A1      & EP 564469 A4 B1 & DE 691318/97 T2      & CA 2096730 C & AT 188562 T	
Y	EP 940783 A2 (Keycorp Ltd.), 08 September, 1999 (08.09.99), See Par. No. [0020] ("This could be... both merchant and customer receipts.") & JP 2000-030146 A      & ES 2140365 T1 & AU 11300/99 A	1-5, 8-13, 16

## PATENT COOPERATION TREATY

PCT

NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

YAMADA, Masaki  
Kosugi & Yamada  
Pelican Building 4th floor  
3-3, Nishi-shimbashi 3-chome  
Minato-ku, Tokyo 105-0003  
JAPON

Date of mailing (day/month/year) 25 July 2002 (25.07.02)		IMPORTANT NOTICE	
Applicant's or agent's file reference FU-0039-P			
International application No. PCT/JP01/00300	International filing date (day/month/year) 18 January 2001 (18.01.01)	Priority date (day/month/year)	
Applicant FUJITSU LIMITED et al			

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

JP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 25 July 2002 (25.07.02) under No. WO 02/057974

**4. TIME LIMITS for filing a demand for international preliminary examination and for entry into national phase**

The applicable time limit for entering the national phase will, **subject to what is said in the following paragraph** be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of **19 months** from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of the designated Office. For further details, see PCT Gazette No.44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the PCT Newsletter, October and November 2001 and February 2002 issues.

In practice, **time limits other than the 30-month time limit** will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For **regular updates on the applicable time limits** (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the PCT Gazette, the PCT Newsletter and the PCT Applicant's Guide, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a **demand for international preliminary examination**, see the PCT Applicant's Guide, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II.)

It is the applicant's **sole responsibility** to monitor all these limits.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  J. Zahra
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.91.11



## PATENT COOPERATION TREATY

PCT

INFORMATION CONCERNING ELECTED  
OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

From the INTERNATIONAL BUREAU

To:

YAMADA, Masaki  
Kosugi & Yamada  
Pelican Building 4th floor  
3-3, Nishi-shimbashi 3-chome  
Minato-ku, Tokyo 105-0003  
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Date of mailing (day/month/year) 25 July 2002 (25.07.02)		
Applicant's or agent's file reference FU-0039-P		IMPORTANT INFORMATION
International application No. PCT/JP01/00300	International filing date (day/month/year) 18 January 2001 (18.01.01)	
Priority date (day/month/year)		
Applicant FUJITSU LIMITED et al		

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

National :JP,US

2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

None

3. The applicant is reminded that he must enter the "national phase" **before the expiration of 30 months from the priority date** before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 740.14.35</p>	<p>Authorized officer:</p> <p>J. Zahra</p> <p>Telephone No. (41-22) 338.83.38</p>
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Kokai Jitsuyo Shinan Koho	1971-2001	Toroku Jitsuyo Shinan Koho	1994-2001

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
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Date of the actual completion of the international search  
17 April, 2001 (17.04.01)Date of mailing of the international search report  
01 May, 2001 (01.05.01)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/00300

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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	& US 5221838 A      & KR 97-07003 B1 & JP 6-501329 A      & JP 3010069 B2 & GR 3032864 T3      & ES 21410/92 T3 & EP 940760 A1      & EP 564469 A4 B1 & DE 691318/97 T2      & CA 2096730 C & AT 188562 T	
Y	EP 940783 A2 (Keycorp Ltd.), 08 September, 1999 (08.09.99), See Par. No.[0020] ("This could be... both merchant and customer receipts.") & JP 2000-030146 A      & ES 2140365 T1 & AU 11300/99 A	1-5, 8-13, 16



## A. 発明の属する分野の分類 (国際特許分類 (IPC))

Int. Cl.<sup>7</sup> G06F17/60

## B. 調査を行った分野

調査を行った最小限資料 (国際特許分類 (IPC))

Int. Cl.<sup>7</sup> G06F17/60 G07G1/06 G07G1/12 G07F19/00

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報 1922-1996 年  
 日本国公開実用新案公報 1971-2001 年  
 日本国実用新案登録公報 1996-2001 年  
 日本国登録実用新案公報 1994-2001 年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

## C. 関連すると認められる文献

引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	WO, 98/25242, A1 (Carlson Companies Inc) 11. 6 月, 1998 (11.06.98) フローチャート(ステップ 156)を見よ. & AU, 76271/98, A & DE, 19782148, T & GB, 2334609, A, B & US, 5923016, A & US, 6138911, A	1-5, 8-13, 16

☒ C欄の続きにも文献が列挙されている。☐ パテントファミリーに関する別紙を参照。

## \* 引用文献のカテゴリー

「A」 特に関連のある文献ではなく、一般的技術水準を示すもの  
 「E」 国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの  
 「L」 優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献 (理由を付す)  
 「O」 口頭による開示、使用、展示等に言及する文献  
 「P」 国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

「T」 国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの  
 「X」 特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの  
 「Y」 特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの  
 「&」 同一パテントファミリー文献

国際調査を完了した日

17.04.01

国際調査報告の発送日

01.05.01

国際調査機関の名称及びあて先

日本国特許庁 (ISA/J P)

郵便番号 100-8915

東京都千代田区霞が関三丁目4番3号

特許庁審査官 (権限のある職員)

阿波 進



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電話番号 03-3581-1101 内線 3561

C (続き). 関連すると認められる文献		
引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号
Y	JP, 11-245544, A (大日本印刷株式会社) 14. 9 月. 1999 (14.09.99) 図 1 (19-21) を見よ. (ファミリーなし)	1-5, 8-13, 16
Y	JP, 7-319963, A (株式会社テック) 8. 12 月. 1995 (08.12.95) 図 9 を見よ. (ファミリーなし)	1-5, 8-13, 16
Y	JP, 2000-311195, A (オムロン株式会社) 7. 11 月. 2000 (07.11.00) 図 5 および図 6 を見よ. (ファミリーなし)	1-5, 8-13, 16
Y	WO, 92/11598, A1 (Motorola Inc) 9. 7 月. 1992 (09.07.92) ページ 11 ("Further, the electronic wallet 100 typically ..." の段落)を見よ. & US, 5221838, A & KR, 97-07003, B1 & JP, 6-501329, A & JP, 3010069, B2 & GR, 3032864, T3 & ES, 21410/92, T3 & EP, 940760, A1 & EP, 564469, A4, B1 & DE, 691318/97, T2 & CA, 2096730, C & AT, 188562, T	1-5, 8-13, 16
Y	EP, 940783, A2 (Keycorp Ltd) 8. 9 月. 1999 (08.09.99) 段落[0020] ("This could be ... both merchant and customer receipts." の文)を見よ. & JP, 2000-030146, A & ES, 2140365, T1 & AU, 11300/99, A	1-5, 8-13, 16